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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.		U.S. Serial No.										
				08/971.254										
		Applicant(s) Paul J. Bertowitz, et al.												
		Date Mailed November 17, 1997		Group Art Unit 1721										
U. S. PATENT DOCUMENTS														
Examiner Initial		Document Number							Date	Name	Class	Sub-Class	Filing Date	
mm	AA	4	8	3	2	8	1	9	5/23/89	Hamner	208	27		
	AB	5	3	2	4	3	3	5	6/28/94	Benham	44	452		
	AC	2	5	6	2	9	8	0	8/7/51	Atwell	260	450		
	AD	2	2	4	3	7	6	0	5/27/41	Martir.	44	9		
	AE	4	9	1	9	7	8	6	4/24/90	Hamner	208	27		
	AF	4	9	2	3	8	4	1	5/8/90	Hamner	502	230		
	AG	4	8	7	5	9	9	2	10/24/89	Hamner	208	89		
	AH	4	2	1	2	7	7	1	7/15/80	Hamner	252	455 Z		
	AI	4	0	7	3	7	1	8	2/14/78	Hamner	208	80		
	AJ	4	0	5	1	0	2	1	9/27/77	Hamner	208	216		
	AK	4	0	1	4	8	2	1	3/29/77	Hamner	252	470		
	AL	3	8	8	7	4	5	5	6/3/75	Hamner	208	112		
mm	AM	4	9	4	3	6	7	2	7/24/90	Hamner	585	737		
FOREIGN PATENT DOCUMENTS														
		Document Number							Publication Date	Country	Class	Sub-Class	Translation Yes No	
mm	AN	92	/	1	4	8	0	4	03.09.92	WO (Century Oils)	C10L	1/08		
	AO	9	5	4	0	5	8		03.09.74	Canada (Shell)	196	54		
	AP	9	5	1	9	9	7		11.03.64	United Kingdom (BP)	C 07 c	C 10 g		
mm	AQ	3	8	1	0	0	4		22.01.75	United Kingdom (ER&E)	C10G	34.00		
OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)														
	AR	Ward, "Compos. of F-T Diesel Fuel", Div. Pet. Chem. 117th Mtg. ACS (1950).												
	AS	Morgan et al, "Some Comparative Chemical, Physical and Compatibility Properties of Sasol Slurry Phase Distillate Diesel Fuel", SAE No. 982488 (1998), pp. 1-9.												
	AT	Agee, "A New Horizon For Synthetic Fuels", World Conference on Transportation Fuel Quality October 6-8, 1996												

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	Applicant(s) Paul J. Berlowitz, et al.	
	Date Mailed November 17, 1997	Group Art Unit DEC 06 1999 1721

U. S. PATENT DOCUMENTS

Examine r Initial		Document Number							Date	Name	Class	Sub- Class	Filing Date
mm	AA	4	9	0	0	7	0	7	2/13/90	Cody et al	502	230	12/13/88
	AB	4	9	0	6	5	9	9	3/6/90	Cody et al	502	62	
	AC	5	1	5	8	6	7	1	10/27/92	Cody et al	208	264	
	AD	4	9	5	9	3	3	7	9/25/90	Cody et al	502	230	
	AE	4	9	3	7	3	9	9	6/26/90	Wachter et al	585	749	
	AF	4	9	2	9	7	9	5	5/29/90	Cody et al	585	739	
	AG	4	7	5	5	2	8	0	7/5/88	Hudson et al	208	89	
	AH	4	6	1	8	4	1	2	10/21/86	Hudson et al	208	59	
	AI	5	1	8	7	1	3	8	2/16/93	Davis	502	255	
	AJ	5	2	9	2	9	8	9	3/8/94	Davis	585	751	
	AK	5	3	7	8	3	4	8	1/3/95	Davis et al	208	27	
	AL	5	6	8	9	0	3	1	11/18/97	Berlowitz et al	585	734	10/17/95
	AM	4	6	4	5	5	8	5	2/24/87	White	208	58	
mm	AN	5	3	6	2	3	7	8	11/8/94	Borghard et al	208	138	

FOREIGN PATENT DOCUMENTS

		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AO	1	4	6	0	4	7	6	06.01.77	United Kingdom (CJJK)	B26F	1/02		
	AP	1	4	9	9	5	7	0	31.02.78	United Kingdom (Atl. R.)	C10G	34.00		
	AQ	0	1	5	3	7	8	2	34.09.85	European (Shell)	B 01 J	37.26		
mm	AR	2	7	5	0	6	2		39.07.64	Australia (BP)	C10g	B01j		

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

AS	The Clean Fuels Report. "Volvo Demonstrates Benefits of Reformulated Diesel" "Research and Technology", pp. 166-170. September 1995
AT	The Clean Fuels Report. "Catalyst Number is Major Control for Diesel Emissions with Catalyst", pp. 170-173. September 1995

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	Applicant(s) Paul J. Berlowitz, et al. DEC 08 1999	
	Date Mailed November 17, 1997	Group Art Unit 1721

U. S. PATENT DOCUMENTS

Examine r Initial		Document Number							Date	Name	Class	Sub- Class	Filing Date
mm	AA	4	8	5	1	1	0	9	7/25/89	Chen et al	208	58	
	AB	2	9	1	4	4	6	4	11/24/59	Burton et al	208	138	
	AC	2	7	5	6	1	8	3	7/24/56	Knox Jr.	196	35	
	AD	2	7	7	9	7	1	3	1/29/57	Cole et al	196	35	
	AE	2	6	6	8	7	9	0	2/9/54	Good et al	196	50	
	AF	2	8	1	7	6	9	3	12/24/57	Koome et al	260	683.5	
	AG	2	8	3	8	4	4	4	6/10/58	Teter et al	196	50	
	AH	3	0	7	8	3	2	3	2/19/63	Kline et al	260	683.65	
	AI	3	1	2	3	5	7	3	3/3/64	Carr	252	442	
	AJ	3	1	2	5	5	1	1	3/17/64	Tupman et al	208	264	
	AK	3	2	0	6	5	2	5	9/14/65	Michaels et al	260	683.66	
	AL	3	2	6	8	4	3	9	8/23/66	Tupman et al	208	112	
	AM	3	1	2	1	6	9	6	2/18/64	Hoekstra	252	441	
mm	AN	3	0	5	2	6	2	2	9/4/62	Johnson et al	208	27	

FOREIGN PATENT DOCUMENTS

		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AO	5	3	9	6	9	8		16 04 57	Canada				
	AP	7	0	0	2	3	7		22 12 64	Canada (Miller)				
	AQ	8	2	3	0	1	0		04 11 59	United Kingdom (UOP)	C07c			
mm	AR	8	4	8	1	9	8		14 09 60	United Kingdom (UOP)	C07c			

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

AS	MHamdi et al, "Packed Column SFC of Gas Oils", J. High Resol. Chromatogr., Vol. 21, pp. 94-102 (February 1998).
AT	Fraile et al, "Experimental Design Optimization of the Separation of the Aromatic Compounds in Petroleum Cuts by Supercritical Fluid Chromatography", Journal of High Resolution Chromatography

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		Applicant(s) Paul J. Bertowitz, et al.													
		Date Mailed November 17, 1997		Group Art Unit DEC 08 1997 1721											
U. S. PATENT DOCUMENTS															
Examine r Initial		Document Number							Date	Name	Class	Sub- Class	Filing Date		
mm	AA	3	2	5	3	0	5	5	5/24/66	Goble et al	260	683.75			
	AB	2	9	9	3	9	3	8	7/25/61	Bloch et al	260	666			
	AC	2	6	6	8	8	6	6	2/9/54	Good et al	260	683.5			
	AD	3	3	0	8	0	5	2	3/7/67	Ireland et al	208	27			
	AE	4	8	5	5	5	3	0	8/8/89	LaPierre et al	585	739			
	AF	4	9	1	9	7	8	8	4/24/90	Chen et al	208	59			
	AG	4	9	6	2	2	6	9	10/9/90	LaPierre et al	585	739			
	AH	4	9	8	2	0	3	1	1/1/91	Chen	208	324			
	AI	4	9	9	0	7	1	3	2/5/91	Le et al	585	332			
	AJ	5	0	3	7	5	2	8	8/6/91	Garwood et al	208	27			
	AK	5	1	1	0	4	4	5	5/5/92	Chen et al	208	505			
	AL	5	1	5	7	1	8	7	10/20/92	Le et al	585	208			
mm	AM	5	2	8	2	9	5	8	2/1/94	Santilli et al	208	585			
FOREIGN PATENT DOCUMENTS															
		Document Number							Publi- cation Date	Country	Class	Sub- Class	Translation Yes No		
mm	AN	9	5	3	1	8	8		25.03.64	United Kingdom	C 07c				
	AO	9	5	3	1	8	9		25.03.64	United Kingdom	C 07c				
	AP	1	0	6	5	2	0	5	12.04.67	United Kingdom	C 07 c	5.24			
mm	AQ	1	3	4	2	4	9	0	03.01.74	United Kingdom	C16G	23.02			
OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)															
	AR	Di Sazo et al, "Determination of Aromatics in Jet and Diesel Fuels by Supercritical Fluid Chromatography with Flame Ionization Detection (SFC-FID): A Quantitative Study", Journal of Chromatographic Science, Vol. 29, January 1991.													
	AS	Lee et al, "Development of a Supercritical Fluid Chromatographic Method for Determination of Aromatics in Heating Oils and Diesel Fuels", Energy & Fuels, 3, pp 80-84 (1989), American Chemical Society.													

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		Applicant(s) Paul J. Berlowitz, et al												
		Date Mailed November 17, 1997		Group Art Unit DEC 0 1997 1721										
U. S. PATENT DOCUMENTS														
Examine r Initial		Document Number							Date	Name	Class	Sub- Class	Filing Date	
mm	AA	5	3	0	2	2	7	9	4/12/94	Degnan et al	208	87		
	AB	5	3	0	6	8	6	0	4/26/94	Bigard et al	585	737	5/21/92	
	AC	5	3	7	8	3	5	1	1/3/95	Guichard et al	208	143		
	AD	4	8	5	5	5	3	0	8/8/89	LaPierre et al	585	739		
	AE	3	7	0	9	8	1	7	6/9/73	Suggitt et al ⁽¹⁾	208	112		
	AF	3	3	4	0	1	8	0	9/5/67	Beuther et al	208	108		
	AG	3	3	3	8	8	4	3	8/29/67	Goble et al	252	442		
	AH	4	6	2	7	9	0	8	12/9/86	Miller	208	58		
	AI	3	8	3	0	7	2	3	8/20/74	Ladeur et al	208	108		
mm	AJ	3	8	3	0	7	2	8	8/20/74	Mounce	208	59		
FOREIGN PATENT DOCUMENTS														
		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AK	1	3	4	2	5	0	0	03.01.74	United Kingdom (Shell)	B01J	11/46		
	AL	1	4	4	0	2	3	0	23.06.76	United Kingdom (Shell)	C10G	34/00		
	AM	1	4	9	3	9	2	8	30.11.77	United Kingdom (Shell)	C10G	23/16		
	AN	4	9	0	3	5	3	23	<i>date unknown</i>	Japan (Nippon Gosei)				
	AO	2	1	3	7	4	9	0	14.04.72	France (Suggitt)			x ⁽¹⁾	
	AP	97	0	2	1	7	8	7	19.06.97	WO				
mm	AQ	2	3	0	2	5	6	1	15.10.91	Japan (Showa Shell)				

⁽¹⁾ U.S. equivalent 3,709,817 (Suggitt) enclosed to France 2137490

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)	
AR	T. L. Ullman, "Effects of Cetane Number on Emissions From a Prototype 1998 Heavy-Duty Diesel Engine", SAE Paper 950251.
AS	J. S. Freely, "Abatement of NO _x from Diesel Engines - Status & Technical Challenges", SAE Paper 950251.

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		Applicant(s) Paul J. Berlowitz, et al.												
		Date Mailed November 17, 1997		Group Art Unit 1711 [unclear]										
U. S. PATENT DOCUMENTS														
Examine r Initial		Document Number							Date	Name	Class	Sub- Class	Filing Date	
mm	AA	3	9	7	9	2	7	9	9/7/76	Yan	208	264		
	AB	3	8	4	3	7	4	6	10/22/74	Kravitz et al	260	683.68		
	AC	3	6	2	0	9	6	0	11/16/71	Kozlowski et al	208	60		
	AD	3	6	1	9	4	0	8	11/9/71	Larson	208	80		
	AE	3	6	7	0	6	2	2	3/11/75	Ashton et al	208	93		
	AF	4	4	7	2	5	2	9	9/18/84	Johnson et al	502	228		
	AG	4	5	7	9	9	8	6	4/1/86	Sie	585	324		
	AH	4	6	8	4	7	5	6	8/4/87	Derr Jr. et al	585	330		
	AI	4	0	3	2	4	7	4	6/28/77	Goudriaan et al	252	441		
	AJ	4	6	0	8	1	5	1	8/26/86	Miller	208	33		
	AK	3	8	6	4	4	2	5	2/4/75	Gardner	260	683.68		
	AL	3	7	9	4	5	8	0	2/26/74	Ladeur	208	110		
mm	AM	4	4	5	1	5	7	2	5/29/84	Cody	502	62		
FOREIGN PATENT DOCUMENTS														
		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AN	0	5	3	2	1	1	7 A1	17.03.93	European (Gilson)				
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	AG	0	5	1	5	2	5	6 A1		European (Bigeard)			X(2)	

(1) English language equivalent is U.S. Patent 5,306,860 (Bigeard) enclosed.

(2) English language equivalent is U.S. Patent 5,345,019 (Bigeard) enclosed.

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

AP Anderson, Del. of Ox and Dielin Compd Types by IR, Anal. Chem., Vol. 20, No. 11 (Nov 1946), pp. 998-1006

mm 360

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	Applicant(s) Paul J. Bertowitz, et al.	
	Date Mailed November 17, 1997	Group Art Unit 1721

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number							Date	Name	Class	Sub-Class	Filing Date
mm	AA	4	1	8	6	0	7	8	1/29/80	Itoh et al	208	27	
	AB	4	4	4	4	8	9	5	4/24/84	Fung et al	502	37	
	AC	4	4	2	7	5	3	4	1/24/84	Brunn et al	208	89	
	AD	3	8	6	1	0	0	5	1/21/75	Steinmetz et al	208	111	
	AE	3	8	1	4	6	8	2	6/4/74	Christman et al	208	216	
	AF	3	7	1	1	3	9	9	1/16/73	Estes et al	208	112	
	AG	4	4	2	8	8	1	9	1/31/84	Shu et al	208	46	
	AH	3	7	1	7	5	8	6	2/20/73	Suggitt et al	252	439	
	AI	3	9	1	5	8	4	3	10/28/75	Franck et al	208	112	
	AJ	3	6	9	2	6	9	5	9/19/72	Suggitt et al	252	439	
	AK	3	6	7	4	6	8	1	7/4/72	Lyon	208	141	
	AL	3	4	7	1	3	9	9	10/7/69	O'Hara	208	216	
mm	AM	3	6	9	2	6	9	7	9/19/72	Kravitz et al	252	439	

FOREIGN PATENT DOCUMENTS

		Document Number							Publication Date	Country	Class	Sub-Class	Translation Yes No	
mm	AN	0	3	2	3	0	9	2	16.12.88	European (ER&E)				
	AO	0	5	4	2	5	2	8 A1	19.05.93	European (ER&E)				
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mm	AQ	96	0	2	3	8	5	5	08.08.96	WO (Dilworth)	C*UL	114		

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

AR	DuBois, "Det. of Bromine Addition Numbers", Analyt. Chem., Vol. 20, No. 7, pp. 624-627 (1948).
AS	Friedel, "Compos. of Synth. Liquid Fuels. I.", JACS 72, pp. 1212-1215 (1950).

Johnston, "Det. of Olefins in Gasoline", Analyt. Chem. 805-812 (1947)

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U. S. PATENT DOCUMENTS														
Examiner Initial		Document Number							Date	Name	Class	Sub-Class	Filing Date	
mm	AA	3	6	8	4	6	9	5	8/15/72	Neel et al	208	110		
	AB	4	2	6	3	1	2	7	4/21/81	Rausch et al	208	58		
	AC	3	9	7	7	9	6	1	8/31/76	Hamner	208	59		
	AD	3	9	7	7	9	6	2	8/31/76	Arej Jr. et al	208	59		
	AE	3	6	2	9	0	9	6	12/21/71	Divijak Jr.	208	89		
	AF	3	5	9	4	3	0	7	7/20/71	Kirk Jr.	208	57		
	AG	4	5	9	4	1	7	2	6/10/86	Sie	252	55		
	AH	4	1	6	2	9	6	2	7/31/79	Stangeland	208	58		
	AI	3	8	4	0	5	0	8	10/8/74	Ballard et al	260	88.2 R		
	AJ	3	8	4	0	6	1	4	10/8/74	Kravitz et al	260	683.68		
	AK	4	1	3	9	4	9	4	2/13/79	Itoh et al	252	455 R		
	AL	3	6	8	1	2	3	2	8/1/72	Egan	208	80		
mm	AM	3	6	5	8	6	8	9	4/25/72	Steinmetz et al	208	46		
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mm	AN	97	/	1	4	7	6	8	24.04.97	WO (Berlowitz)	C10L	1/02		
	AO	97	/	1	4	7	6	9	24.04.97	WO (Berlowitz)	C10L	1/08		
mm	AP	95		0	6	6	9	5	09.03.95	WO (Sofitech)				
	AQ	0	5	3	2	1			03.93	EP				
OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)														
	AR	Puckett, "Ignition Qualities of HC in the Diesel Fuel Boiling Range" in Information Circular Bureau of Mines 7474 (July 1948)												
	AS	Smith, "Rapid Det. of Hydroxyl," p. 61 (Jan. 1935)												
	AT	Tilton, "Prod. of High Cetane Number Diesel Fuels by Hydrogenation", Ind. & Eng. Chemistry, Vol 40, pp. 1270-1279 (July 1948)												

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mm	AA	4	3	4	2	6	4	1	8/3/82	Reif et al	208	89		
	AB	3	8	7	6	5	2	2	4/8/75	Campbell et al	208	58		
	AC	4	4	7	7	5	8	6	10/16/84	McDaniel	502	104		
	AD	4	3	9	4	2	5	1	7/19/83	Miller	208	111		
	AE	3	3	6	5	3	9	0	1/23/68	Egan et al	208	60		
	AF	3	5	3	0	0	6	1	9/22/70	Orkin et al	208	60		
	AG	3	4	8	6	9	9	3	12/30/69	Egan et al	208	89		
	AH	3	4	8	7	0	0	5	12/30/69	Egan et al	208	59		
	AI	3	9	6	3	6	0	1	6/15/76	Hillman	208	111		
	AJ	3	6	0	7	7	2	9	9/21/71	Robinson et al	208	112		
	AK	3	8	5	2	1	8	6	12/3/74	Christman et al	208	89		
	AL	3	8	5	2	2	0	7	12/3/74	Stangeland et al	208	58		
mm	AM	3	4	0	4	0	8	6	10/1/68	Plank et al	208	120		
FOREIGN PATENT DOCUMENTS														
		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AN	0	5	6	6	3	4	8A	20.10.93	EP (ER&E)				
	AO	07	5	3	5	6	3	A1	15.01.97 (1)	EP (ER&E)				
mm	AP	2	6	5	0	2	8	9	date unknown	France (Lascaray)			X	
	AQ	97	0	0	4	0	4	4	05.02.97	WO	C10L	118		

(1) Priority 14.07.95 U.S. 502.336

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AR	Ward, "Superfractionation Studies", Ind. & Eng. Chem. Vol 39, pp. 105-109 (109th ACS meeting)
AS	Wheeler, "Peroxide Formation as a Measure of Autoxidation Determination", O. & S. 1971, 1972

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MM	AA	4	6	7	3	4	8	7	6/16/87	Miller	208	58			
	AB	4	0	6	7	7	9	7	1/10/78	Chen	208	15			
	AC	4	5	8	8	7	0	1	5/13/86	Chiang	502	65			
	AD	3	6	3	0	8	8	5	12/28/71	Egan	208	59			
	AE	3	9	7	6	5	6	0	8/24/76	Erickson	208	138			
	AF	3	7	2	5	3	0	2	4/3/73	Shimely	252	431 R			
	AG	3	7	7	0	6	1	8	11/6/73	Adams	208	216			
	AH	4	4	2	7	7	9	1	1/24/84	Miale	502	203			
	AI	4	6	9	5	3	6	5	9/22/87	Ackelson	208	89			
MM	AJ	4	3	9	0	4	1	4	6/28/83	Cody	208	111			
FOREIGN PATENT DOCUMENTS															
		Document Number							Publication Date	Country	Class	Sub-Class	Translation Yes No		
MM	AK	2	2	5	1	1	5	6	date unknown	DE				X(1)	
	AL	06	6	8	3	4	2	A1	23.08.95	EP (Shell/Gilson)					
	AM	95	/	2	7	0	2	1	12.10.95	WO (Gunnerman)					
MM	AN	0	5	8	7	2	4	5 A1	16.03.94	EP (Shell)					

(1) English language equivalent is U. S. Patent 3,761,338 (Bryson) enclosed.

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AO	Rappold, "Industry pushes use of PDC bits" J. Oil & Gas, 8:14:95.
AP	Shan et al, USDOE, USDOC, NTIS, UOP, Inc., "Fischer-Tropsch Wax Characterization and Upgrading - Final Report, DE 88-014638, June 1988 ("UOP Report").
AO	Signer, The Clean Fuels Report, Southwest Research Institute Study Delineates The Effect of Diesel Fuel Composition on Emissions, pp. 153-158 (June 1995)

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				08/971,254	
		Applicant(s)			
		Paul J. Berlowitz, et al.			
		Date Mailed		Group Art	
		November 17, 1997		1721	

U. S. PATENT DOCUMENTS													
Examine r Initial		Document Number							Date	Name	Class	Sub- Class	Filing Date
mm	AA	5	3	7	0	7	8	8	12.6.94	Dai			
	AB	5	1	5	6	1	1	4	10/20/92	Gunnerman			
	AC	3	8	4	3	5	0	9	10/22/74	Suto et al	208	111	
	AD	3	3	9	5	9	8	1	8/6/68	Kischio			
	AE	4	0	8	7	3	4	9	5/2/78	Baird Jr.			
	AF	5	5	4	3	4	3	7	8/6/96	Benham et al	518	700	6/6/95
	AG	5	5	0	6	2	7	2	4/9/96	Benham et al	518	700	6/6/95
	AH	5	5	0	4	1	1	8	4/2/96	Benham et al	518	719	3/14/94
	AI	5	5	0	0	4	4	9	3/19/96	Benham et al	518	700	6/6/95
	AJ	5	3	0	8	3	6	5	5/3/94	Kesling	44	447	
mm	AK	3	2	6	8	4	3	6	8/23/66	Arey Jr. et al	208	59	

FOREIGN PATENT DOCUMENTS														
		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AL	0	5	8	7	2	4	6	16.03.94	EP (Shell)				
	AM	97	/	0	3	7	5	0	<i>date unknown</i>	WO (ER&E)				
	AN	95	/	0	2	6	9	5	1/26/95	WO (Novo Nordesk)				
mm	AO	7	3	2	9	6	4		11.03.32	France (Deutsche HAW)			X	

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AP	Lacy, "The U.S. Army Scuffing Load Wear Test", 11/94
AO	Ryland et al, "Cracking Catalyst", Catalysis Vol. VII, P. Emmett, ed., Reinhold Publ. NY (1960), pp 5-9.
AR	Stournas, "Eff. of Fatty Acids...", JAOC S 72 (4) (1995).

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		Applicant(s) Paul J. Berlowitz, et al												
		Date Mailed November 17, 1997		Group Art Unit 1721 [unclear] [unclear]										
U. S. PATENT DOCUMENTS														
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mm	AA	4	1	2	5	5	6	6	11/14/78	Dinh	260	676		
	AB	5	0	5	9	2	9	9	10/22/91	Cody	585	737		
	AC	4	8	0	4	8	0	2	2/14/89	Evans	587	734		
	AD	4	9	9	2	1	5	9	2/12/91	Cody	585	734		
	AE	5	0	5	9	7	4	1	10/22/91	Foley	585	734		
	AF	4	5	6	8	6	6	3	2/4/86	Mauldin	502	325		
	AG	4	9	9	2	4	0	6	2/12/91	Mauldin	502	325		
	AH	3	8	4	3	5	0	9	10/22/74	Suto	208	111		
	AI	4	0	4	1	0	9	5	8/9/77	Kuo	260	676		
	AJ	4	9	6	0	5	0	4	10/2/90	Pellet	208	411	2/22/88	
mm	AK	5	3	8	5	5	8	8	1/31/95	Brennan	44	331	10/21/93	
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		Document Number							Publica- tion Date	Country	Class	Sub- Class	Translation Yes No	
mm	AL	8	5	9	6	8	6		30.08.39	France (Synthetic Oils)			X	
	AM	7	3	1	0	0	9	6	94.05.19	Japan (Nippon Petrochemicals)	B08B	1/00	(1)	
mm	AN	6	2	0	0	2	6	2	91.07.29	Japan (Idemitsu Kosan)	C10G	45/50	(2)	
	AO	92	0	1	7	6	9		06.02.92	WO (Miller)	C10G	73/38		

(1) English language abstract

(2) English language abstract

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)	
AP	
AQ	

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		Applicant(s) Paul J. Bertowitz, et al.												
		Date Mailed November 17, 1997		Group Art Unit 1721										
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Examiner Initial		Document Number							Date	Name	Class	Sub-Class	Filing Date	
mm	AA	4	0	5	9	6	4	8	11/22/77	Derr et al	260	676 R	7/9/76	
	AB	5	0	5	9	7	4	1	10/22/91	Foley	585	734	1/29/91	
	AC	5	5	4	5	6	7	4	8/13/96	Behrmann et al	518	715	1/24/95	
	AD	5	3	4	8	9	8	2	9/20/94	Herbolzheimer et al	518	700	5/20/93	
	AE	4	3	7	8	9	7	3	4/5/83	Sweeney	44	56	1/7/82	
	AF	4	5	3	9	0	1	4	9/3/85	Sweeney	44	56	9/2/80	
	AG	5	5	3	8	5	2	2	7/23/96	Ahmed	44	412	6/27/94	
	AH	4	5	1	8	3	9	5	5/21/85	Petronella	44	53	9/21/82	
	AI	4	5	2	7	9	9	5	7/9/85	Itow et al	44	56	5/14/84	
	AJ	3	6	6	8	1	1	2	6/6/72	Parker				
	AK	3	6	6	8	1	1	3	6/6/72	Burbidge				
	AL	5	5	2	2	9	8	3	6/4/96	Cash et al	208	59	2/6/92	
	AM	4	5	9	9	1	6	2	7/8/86	Yen	208	59	12/21/84	
	AN	5	1	8	3	5	5	6	2/2/93	Reilly et al	208	57	3/13/91	
mm	AO	3	1	4	7	2	1	0	9/1/64	Hass et al	208	210	3/19/62	
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mm	AP	1	3	0	6	6	4	6	14 02 73	Great Britain (Radulescu)	C10G	21 16		
	AQ	0	5	6	6	3	48	A2	20 10 93	European (ER&E)	B01J	29 02		
mm	AR	0	7	5	3	5	63	A1	75 01 97	European (ER&E)	C10G	45 66		
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.		U S Serial No. 08/971,254										
		Applicant(s) Paul J. Berlowitz, et al.				DEC 0 5 1999								
		Date Mailed November 17, 1997		Group Art Unit 1721										
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mm	AA	3	7	7	5	2	9	1	11/27/73	Sze	208	57	9/2/71	
	AB	3	7	6	7	5	6	2	10/23/73	Sze et al	208	57	9/2/71	
	AC	4	5	2	9	5	2	6	7/16/85	Inoue et al	252	32.7 E	11/14/83	
	AD	5	2	8	1	3	4	7	1/25/94	Igarashi et al	252	42.7	8/27/92	
	AE	5	3	4	5	0	1	9	9/6/94	Bigard et al	585	264	5/21/92	
	AF	3	6	6	8	1	1	2	6/6/72	Parker et al	208	89	12/6/68	
	AG	3	6	6	8	1	1	3	6/6/72	Burbidge et al	208	97	9/22/69	
	AH	3	8	4	3	5	0	9	10/22/74	Suto et al	208	111		
	AI	3	7	6	1	3	8	8	9/25/73	Bryson et al	208	59	10/20/71	
	AJ	4	0	3	2	3	0	4	6/28/77	Dorer Jr. et al	44	70	9/3/74	
	AK	5	3	7	8	2	4	9	1/3/95	Morrison	44	388	6/28/93	
	AL	4	7	6	4	2	6	6	8/16/88	Chen et al	208	58	2/26/87	
	AM	4	9	1	1	8	2	1	3/27/90	Katzer et al	208	27	2/8/89	
	AN	4	9	1	9	7	8	8	4/24/90	Chen et al	208	59	10/21/88	
mm	AO	2	8	9	2	0	0	3	6/23/59	Weisz	260	683.65	1/9/57	
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mm	AP	0	2	6	6	8	98	A2	11 05 88	European (Behrmann)	B01J	23.74		
mm	AQ	0	2	8	1	9	92	A3	14 09 88	European (Mitsubishi)	C10M	101.02		
	AR	0			3	0	15	A1	11 07 84	European (Honda)	C10M	1.18		
mm	AS	0	4	1	8	8	60	A1	27 03 91	European (Nippon Oil)	C10M	169.04		
OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)														
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)										Attorney Docket No.		U. S. Serial No. 08/971,254					
										Applicant(s) Paul J. Berlowitz, et al.				Date Mailed November 17, 1997		Group Art Unit 1721	
U. S. PATENT DOCUMENTS																	
Examiner Initial		Document Number							Date	Name	Class	Sub-Class	Filing Date				
mm	AA	5	2	9	2	9	8	8	3/8/94	Wu	585	741	2/3/93				
	AB	3	8	4	8	0	1	8	11/12/74	Robson	260	683.65					
	AC	2	8	8	8	5	0	1	5/26/59	Folkins et al	260	683.65	12/31/56				
	AD	2	9	8	2	8	0	2	5/2/61	Folkins et al	260	683.65	10/31/57				
	AE	3	5	0	7	7	7	6	4/21/70	Hann	208	85	12/29/67				
	AF	4	3	0	4	8	7	1	12/8/81	Brennan et al	518	717	8/19/77				
	AG	2	9	0	6	6	8	8	9/29/59	Farmer et al	208	33	3/28/56				
	AH	3	6	6	0	0	5	8	5/2/72	Feldman et al	44	80	3/17/69				
	AI	5	4	7	9	7	7	5	1/2/96	Kraemer et al	60	274	4/25/94				
	AJ	5	5	2	2	9	8	3	6/4/96	Cash			2/6/92				
	AK	5	1	8	3	5	5	6	2/2/93	Reilly							
	AL	3	0	0	2	8	2	7	10/3/61	Fenske							
mm	AM	5	3	4	5	0	1	9	5/21/92	Bigear(1)							
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mm	AP	94		2	8	0	9	5	08 12 94	WO (ER&E)	C10M	135:18					
mm	AQ	0	2	2	7	2	18	A1	01 07 87	EP (ER&E)	C10L	1:18					
	AR	0	4	1	1	0	11	B1	07 04 93	EP (Ethyl)	C10L	1:22					
mm	AS	0	4	6	0	9	57	B1	02 08 95	EP (Tonen)	C10L	1:14					

(1) English language equivalent of EP 0515270

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.):

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				08/971,254										
		Applicant(s) Paul J. Berlowitz, et al.												
		Date Mailed November 17, 1997		Group Art Unit 1721										
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mm	AO	0	5	5	5	0	06	A1	11 08 93	EP (Slovnaft)	C10L	1/22		
	AP	0	5	6	9	2	28	B1	24 06 98	EP (Ethyl)	C10L	1/14		
	AO	0	6	3	4	4	72	A1	18 01 95	EP (Ethyl)	C10L	1/14		
	AR	92	0	0	2	6	0		20 02 92	WO (Mobil)	C10L	5 00		
mm	AS	94	/	1	7	1	6	0	04 08 94	WO (Exxon Chem)	C10L	1/18		
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.		U. S. Serial No. 08/971,254				
		Applicant(s) Paul J. Berlowitz, et al.						
		Date Mailed November 17, 1997		Group Art Unit 1721				
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mm	AO	94	/ 2 0 5 9 3	15.09.94	WO (Mobil)	C10L	1/22	
	AP	95	/ 0 3 3 7 7	02.02.95	WO (Exxon Chem)	C10L	1/14	
	AQ	0 3 7 4 4 61	B1	13.05.92	EP (BASF)	C10L	1/14	X ⁽¹⁾
	AR	0 3 2 1 3 01	A3	21.06.89	EP (ER&E/Hamner)	B01J	23.40	
	AS	96	2 6 3 9 6	06.09.96	WO (BP Chem)	C10M	133.08	
	AT	H3	2 3 1 9 90	15.10.91	Japan (Showa Shell)			X
mm	AU	2 1 3 7 4 9 0		14.04.72	France (Texaco)			X

⁽¹⁾English language equivalent is USP 5,004,478 (Vogel) enclosed

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Attorney Docket No.		U. S. Serial No. 08/971,254								
				Applicant(s) Paul J. Berlowitz, et al										
				Date Mailed November 17, 1997		Group Art Unit 1721								
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mm	AO	2	6	5	0	2	8	9	2/1/91	France	C10L	118	X	
	AP													
	AQ													
OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)														
	AR	Lacey, Paul L., "Wear Mechanism Evaluation and Measurement in Fuel-Lubricated Components", September 1994.												
	AS	SwRI Gear Oil Scuff Test (GOST) Flyer, Gear Oil Scuff Test (GOST), 2/97												

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Attorney Docket No.		U. S. Serial No. 08/971,254	
				Applicant(s) Paul J. Berlowitz, et al.			
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FOREIGN PATENT DOCUMENTS							
		Document Number	Publica- tion Date	Country	Class	Sub- Class	Translation Yes No
	AN						
	AO						
	AP						
	AQ						
OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)							
	AR	Lacey, Paul I., "Wear Mechanism Evaluation and Measurement in Fuel-Lubricated Components". U.S. Department of Commerce # ADA284870, September 1994.					
	AS						

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Attorney Docket No.		U. S. Serial No. 08/971,254								
				Applicant(s) Paul J. Berlowitz, et al. <i>DEC 1 1997</i>										
				Date Mailed November 17, 1997		Group Art Unit 1721								
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*Examiner Initial		Document Number				Date	Name	Class	Sub-Class	Filing Date				
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<i>mm</i>	AN	P 3	0	3	0	9	98	.9	01.04.82	Germany	C10G	1/06	X	
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Attorney Docket No.		U. S. Serial No. 08/971,254						
				Applicant(s) Paul J. Berlowitz, et al.								
				Date Mailed November 17, 1997		Group Art Unit 1721 ESC 01 1577						
U. S. PATENT DOCUMENTS												
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mm	AN	7	2	8	5	4	3	4/20/55	United Kingdom	2(3)	B1G	
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